Apalachee Bay

		Relative abundance by month												
SALINITY ZONE	LIFE STAGE	J	F	M				J	A		0	N	D	
	ADULTS													
	EGGS													
0-0.5 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
0.5-5 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
5-15 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
15-25 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
>25 ppt.	JUVENILES													
_	LARVAE													
	SPAWNERS													

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Apalachicola Bay

		Relative abundance by month												
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D	
	ADULTS													
	EGGS													
0-0.5 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
0.5-5 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
5-15 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
15-25 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
>25 ppt.	JUVENILES													
- *	LARVAE													
	SPAWNERS													

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Aransas Bay

				Re	lativ	ve ab	ound	lanc	e by	moı	nth		
SALINITY ZONE	LIFE STAGE	J	F	M		M		J	A	S		N	D
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
0-0.5 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS												
	EGGS												
).5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant
	Observed	5	Highly abundant

Atchafalaya/Vermillion Bays

				Re	lativ	ve ab	unc	lanc	e by	moı	nth		
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	О	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
- -	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant
	Observed	5	Highly abundant

Barataria Bay

				Re	lativ	ve al	ound	lanc	e by	moı	nth		
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
- *	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Brazos River

				Re	lativ	ve at	ounc	lanc	e by	moı	nth		
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

N	VΙ	No information	2	Rare
	•	Zone not Observed	3	Common
		Not Observed	4	Abundant
		Observed	5	Highly abundant

Breton/Chandeleur Sounds

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M			J	J	A	S	0	N	D
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
0-0.5 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Calcasieu Lake

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Caloosahatchee River

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant
	Observed	5	Highly abundant

Charlotte Harbor

		Relative abundance by month										
SALINITY ZONE	LIFE STAGE	J	F	M		M			A		N	D
	ADULTS											
	EGGS											
0-0.5 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
0.5-5 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
5-15 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
15-25 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
>25 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant
	Observed	5	Highly abundant

Choctawhatchee Bay

	Relative abundance by month												
SALINITY ZONE	LIFE STAGE	J	F	M		M			A			N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS	Ì											
	EGGS												
>25 ppt.	JUVENILES												
· -	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Corpus Christi Bay

		Relative abundance by month													
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D		
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•		
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•		
0-0.5 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•		
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•		
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•		
	ADULTS														
	EGGS														
0.5-5 ppt.	JUVENILES														
	LARVAE														
	SPAWNERS														
	ADULTS														
	EGGS														
5-15 ppt.	JUVENILES														
	LARVAE														
	SPAWNERS														
	ADULTS														
	EGGS														
15-25 ppt.	JUVENILES														
	LARVAE														
	SPAWNERS														
	ADULTS														
	EGGS														
>25 ppt.	JUVENILES														
	LARVAE														
	SPAWNERS														

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Florida Bay

							ounc	lanc	e by	moı	nth		
SALINITY ZONE	LIFE STAGE	J	F			M		J	A	S		N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												

NI No	information	2	Rare
• Zo	ne not Observed	3	Common
No	ot Observed	4	Abundant
Ol	served	5	Highly abundant

Galveston Bay

		Relative abundance by month												
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D	
	ADULTS													
	EGGS													
0-0.5 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
0.5-5 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
5-15 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
15-25 ppt.	JUVENILES													
	LARVAE													
	SPAWNERS													
	ADULTS													
	EGGS													
>25 ppt.	JUVENILES													
- *	LARVAE													
	SPAWNERS													

N	VΙ	No information	2	Rare
	•	Zone not Observed	3	Common
		Not Observed	4	Abundant
		Observed	5	Highly abundant

Lake Borgne

						ve al		lanc	e by	moı	nth		
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Lake Pontchartrain

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
0-0.5 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant
	Observed	5	Highly abundant

Matagorda Bay

				Re	lativ	ve al	ound	lanc	e by	moı	nth		
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant
	Observed	5	Highly abundant

Mississippi River

			Re	lativ	ve ab	ound	lanc	e by	moı	nth			
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant
	Observed	5	Highly abundant

Mississippi Sound

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Mobile Bay

		Relative abundance by month										
SALINITY ZONE	LIFE STAGE	J	F	M		M			A		N	D
	ADULTS											
	EGGS											
0-0.5 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
0.5-5 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
5-15 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
15-25 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
>25 ppt.	JUVENILES											
_	LARVAE											
	SPAWNERS											

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Pensacola Bay

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
· -	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Perdido Bay

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
_	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Sabine Lake

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M		M			A			N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

nt

San Antonio Bay

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M		M		J	A	S	0	N	D
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
0-0.5 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
11	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

St. Andrew Bay

				Re	lativ	ve al	ound	lanc	e by	moı	nth		
SALINITY ZONE	LIFE STAGE	J	F	M		M						N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
**	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
- *	LARVAE												
	SPAWNERS												

N	I No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Suwanee River

	Relative abundance by month												
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS												
	EGGS												
0-0.5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
0.5-5 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
5-15 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
15-25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												

N	VΙ	No information	2	Rare
	•	Zone not Observed	3	Common
		Not Observed	4	Abundant
		Observed	5	Highly abundant

Tampa Bay

Relative abundance								e by	moı	nth							
SALINITY ZONE	LIFE STAGE	J	F			M		J	A			N	D				
	ADULTS																
	EGGS																
0-0.5 ppt.	JUVENILES																
	LARVAE																
	SPAWNERS																
	ADULTS																
	EGGS																
0.5-5 ppt.	JUVENILES																
	LARVAE																
	SPAWNERS																
	ADULTS																
	EGGS																
5-15 ppt.	JUVENILES																
	LARVAE																
	SPAWNERS																
	ADULTS																
	EGGS																
15-25 ppt.	JUVENILES																
	LARVAE																
	SPAWNERS																
	ADULTS																
	EGGS																
>25 ppt.	JUVENILES																
	LARVAE																
	SPAWNERS																

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Ten Thousand Islands

		Relative abundance by month										
SALINITY ZONE	LIFE STAGE	J	F	M		M			A		N	D
	ADULTS											
	EGGS											
0-0.5 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
0.5-5 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
5-15 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
15-25 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											
	ADULTS											
	EGGS											
>25 ppt.	JUVENILES											
	LARVAE											
	SPAWNERS											

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Terrebonne/Timbalier Bays

				Re	lativ	ve ab	ounc	lanc	e by	moı	nth												
SALINITY ZONE	LIFE STAGE	J	F	M		M		J	A	s		N	D										
	ADULTS																						
	EGGS																						
0-0.5 ppt.	JUVENILES																						
	LARVAE																						
	SPAWNERS																						
	ADULTS																						
	EGGS																						
0.5-5 ppt.	JUVENILES																						
	LARVAE																						
	SPAWNERS																						
	ADULTS																						
	EGGS																						
5-15 ppt.	JUVENILES																						
	LARVAE																						
	SPAWNERS																						
	ADULTS																						
	EGGS																						
15-25 ppt.	JUVENILES																						
	LARVAE																						
	SPAWNERS																						
	ADULTS																						
	EGGS																						
>25 ppt.	JUVENILES																						
- *	LARVAE																						
	SPAWNERS																						

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant
	Observed	5	Highly abundant

Lower Laguna Madre

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
0-0.5 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
0.5-5 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
5-15 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
15-25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Upper Laguna Madre

		Relative abundance by month											
SALINITY ZONE	LIFE STAGE	J	F	M	A	M	J	J	A	S	0	N	D
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
0-0.5 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
0.5-5 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
• •	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
5-15 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
15-25 ppt.	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
• •	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
	ADULTS												
	EGGS												
>25 ppt.	JUVENILES												
	LARVAE												
	SPAWNERS												

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant